**High School Transportation Survey Narrative**

**Overall**
- 571 number of students
- 195 Sample size
- 5.3 Average miles traveled to school
- 72% of the time students drive to school
- 61% of those students drive 100% of the time.
- 6% of the time, students walk or bike to school
- 23% students take the bus to school
- 21% of driving trips are carpools
- 2.4 average # of students in the carpool.

**Gas, Cost and CO₂ breakdown**

**Average for one student for one week**
- Gallons of gas: 2.5
- Cost of gas: $9.05
- Total cost: $29.94
- Lbs. of CO₂: 49.8

**Average for all students for one week**
- Gallons of gas: 1455
- Cost of gas: $5,165.83
- Total cost: $17,097.59
- Lbs. of CO₂: 28434 Tons CO₂: 14

**Average for one student per year**
- (175 days - 35 weeks a year)
- Gallons of gas: 89.2
- Cost of gas: $316.64
- Total cost: $1,048.01
- Lbs. of CO₂: 1742.9

**Average for all students for one year**
- Gallons of gas: 50931
- Cost of gas: $180,804.16
- Total cost: $598,415.70
- Lbs. of CO₂: 995205 Tons CO₂: 498

**Average savings over the course of the school year by walking or biking one day a week**

**One Student**
- Gallons of gas: 17.8
- Cost of gas: $63.33
- Total cost: $209.60
- Lbs. of CO₂: 348.6

**All students**
- Gallons of gas: 10186
- Cost of gas: $36,160.83
- Total cost: $119,683.14
- Lbs. of CO₂: 199041 Tons CO₂: 100

**Assumptions for Calculations**
- 22.0 Average mpg for all vehicles
- $3.55 Cost of gas at the time the survey was taken
- $0.57 Cost to own and operate a vehicle per mile
- Pounds of CO₂ burned per mile equals 0.9 for cars, 2.68 for bus. 2000 pounds per ton